COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

joint inventor (if plural	the original, first and sole names are listed below) of	inventor (if only the subject matte	one name is lis which is claim	ted below) or ed and for wh	an original, fi ich a patent is	rst and sought
on the invention entitle	d ELECTRONIC	DEVICE AN	D METHOD	OF DRIV	ING THE	SAME
the specification of whi	ich:					
[] is attache [] was file [] was desc on	ed hereto. d on as Ap cribed and claimed in PCT	plication Serial International Ap and as amended t	No plication No under PCT Ar	_and was am	ended on	 filed
including the claims, as	that I have reviewed and us amended by any amended	nent referred to al	oove.			
I acknowledge Title 37, Code of Feder	e the duty to disclose all in ral Regulations, §1.56.	nformation I know	to be material	to patentabilit	ty in accordan	ce with
I hereby claim application(s) listed be	the benefit under Title 3: low:	5, United States C	ode, §119(e)(1)) of any Unite	d States provi	sional
U.S. Ser	rial No.	Filing Date		Statu	1S	_
below and, insofar as t States application in th	n the benefit under Title 35 he subject matter of each e manner provided by the information I know to be which became available be e of this application:	of the claims of the first paragraph of material to naten	nis application i Title 35, United tability as defin	is not disclose d States Code, led in Title 37	s in the prior \$112, I acknowledge Code of Fed	owledge leral
U.S. Serial No.		Filing Date		Stati	us	_
for patent or inventor' than the United States inventor's certificate of States of America filed priority is claimed:	n foreign priority benefits as certificate or of any PCI of America listed below a any PCT international all by me on the same subjection.	Tinternational app and have also iden pplication(s) desi at matter having a	dication(s) desintified below an gnating at least	ignating at lea ny foreign app one country o	lication for pa other than the	y other atent or United of which
Country Japan	Application No 2000-249087		t 18, 2000		[X] Yes [] No
Japan	2000 2 .7 00.	C	•		[] Yes [] N o

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

John F. Hayden, Reg. No. 37,640; Scott C. Harris, Reg. No. 32,030; Michael McKeon, Reg. No. 37,888; Linda Liu Kordziel, Reg. No. 39,732; William E. Booth, Reg. No. 28,933; Ruffin B. Cordell, Reg. No. 33,487; John W. Freeman, Reg. No. 29,066; Timothy A. French, Reg. No. 30,175; G. Roger Lee, Reg. No. 28,963; Ralph A.

Combined Declaration and Power of Attorney

Page 2 of 2 Pages

Mittelberger, Reg. No. 33,195; John B. Pegram, Reg. No. 25,198; Rene D. Tegtmeyer, Reg. No. 33,567; Charles C. Winchester, Reg. No. 21,040; William D. Hare, Reg. No. 44,739; James E. Mrose, Reg. No. 33,264; Lauren A. Degnan, Reg. No. 40,584; Andrew F. Bodendorf, Reg. No. 39,537; Robert V. Racunas, Jr., Reg. No. 43,027; Diana DiBerardino, Reg. No. 45,653; W. Karl Renner, Reg. No. 41,265; Joseph F. Key, Reg. No. 44,827; Harold H. Fox, Reg. No. 41,498; Scott R. Boalick, Reg. No. 42,337; Joseph V. Colaianni, Jr., Reg. No. 39,948; Gregory A. Walters, Reg. No. 41,366; R. Whitney Winston, Reg. No. 44,432; Bing Ai, Reg. No. 43,312; N. Thane Bauz, Reg. No. 41,604; Robert Bedgood, Ph.D., Reg. No.43,488; Gregory P. Einhorn, Reg. No. 38,440; Diane L. Gardner, Reg. No. 36,518; James T. Hagler, Reg. No. 40,631; Kenyon S. Jenckes, Reg. No. 41,873; Samuel S. Lee, Reg. No. 42,791; Christopher S. Marchese, Reg. No. 37,177; Todd G. Miller, Reg. No. 42,003; Shekhar Vyas, Reg. No. 46,166; and John R. Wetherell, Jr., Ph.D., Reg. No. 31,678.

Address all telephone calls to John F. Hayden at telephone number (202) 783-5070.

Address all correspondence to John F. Hayden at:

FISH & RICHARDSON P.C. 601 Thirteenth St., N.W. Washington, DC 20005

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor: Jun KOYAMA

Inventor's Signature:

Residence Address:

Citizenship:

Post Office Address:

Kanagawa, Japan

apanese

C/O Semiconductor Energy Laboratory Co., Ltd.

398, Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan

Full Name of Inventor:

Inventor's Signature:

Residence Address:

Citizenship:

Post Office Address:

Shunpei YAMAZAKI

Tokyo, Japan Japanese

C/O Semiconductor Energy Laboratory Co., Ltd.

398, Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan

Date: 08/04/2001